

Application No. Unassigned
Attorney's Docket No. 032326-200
Page 6


A3
concl.
and/or the comparison means independently of a reader intended to read information from
the card.

REMARKS

Entry of the foregoing amendment is respectfully requested. This amendment is intended to place the claims in a more conventional format and eliminate the multiple dependency of the claims.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: 
James A. LaBarre
Registration No. 28,632

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

Date: March 7, 2002

Attachment to Preliminary Amendment dated March 7, 2002

Marked-up Claims 1 - 13

1. (Amended) An electronic card [with] comprising a permanent memory in which there are stored [characteristics for identifying the holder of the card, with a view to the comparison of these characteristics with characteristics entered during an authentication sequence, characterised in that,] dynamic characteristics of the signature of [the] a holder [being stored in the permanent memory (26),] of the card, [has] an area [(12)] for [effecting] receiving a signature to be authenticated, [and] processing means [(14)] for supplying dynamic characteristics of the signature to be authenticated, means [of] for comparing [(24)] the dynamic characteristics of the signature to be authenticated with the characteristics recorded in the permanent memory [(26)] in order to produce a validation signal, a temporary memory [(20)] for storing at least one of the dynamic characteristics of the signature to be authenticated [or for] and the validation signal supplied by the comparison means, and means for [allowing the] powering [of] the processing means and/or the comparison means [outside] independently of a reader intended to read information from the card.

2. (Amended) A card according to Claim 1, [characterised in that it has] including a receiving antenna for powering the processing means and/or the comparison means in the card.

Attachment to Preliminary Amendment dated March 7, 2002

Marked-up Claims 1 - 13

3. (Amended) A card according to Claim 1, [characterised in that it has] including an internal energy source for powering the processing means and/or the comparison means .
4. (Amended) A card according to Claim 3, [characterized in that] wherein the power source is of the piezoelectric and/or pyroelectric type.
5. (Amended) A card according to Claim 4, [characterised in that it has] including at least one piezoelectric sheet for detecting the dynamic characteristics of the signature to be authenticated, [and in that this] wherein said piezoelectric sheet is also used for producing the electrical energy necessary for [the] powering [of] said processing means and/or comparison means.
6. (Amended) A card according to [any one of the preceding claims, characterised in that] claim 1, wherein the period of storage in the temporary memory of the dynamic characteristics to be authenticated or of the validation signal is at most about one minute.
7. (Amended) A card according to [any one of the preceding claims, characterised in that,] claim 1, wherein said card [being of the type with] includes contacts,

Attachment to Preliminary Amendment dated March 7, 2002

Marked-up Claims 1 - 13

and the signature area [(12)] for authentication is distinct from the area [(28)] of the contacts.

8. (Amended) A card according to [any one of the preceding claims, characterised in that] claim 1, wherein the signature area [(12)] has a piezoelectric sheet covered with parallel conductive lines on one face and parallel conductive lines on the other face, with the lines on the two faces [having] being oriented in different directions, and one of the dynamic characteristics [consisting of] comprises the writing pressure at [each point or at] selected points.

9. (Amended) A card according to [any one of Claims 1 to 7, characterised in that] claim 1, wherein the signature area [(12)] has two superposed piezoelectric sheets, the upper face of [the] an upper sheet [(48)] having a set of parallel conductive lines and the lower face of [the] a lower sheet [(50)] also having a set of lines parallel to one another but [with] in a different direction relative to the conductive lines of the upper sheet, and [in that], in each of these sets of parallel lines, [the] lines of even rank are connected to [the] a first terminal [(42; 46)] and [the] lines of odd rank are connected to a second terminal [(40; 44)].

Attachment to Preliminary Amendment dated March 7, 2002

Marked-up Claims 1 - 13

10. (Amended) A card according to [any one of Claims 1 to 7, characterised in that] claim 1, wherein the signature area [(12)] has two sheets, each of which has parallel conductive lines[, these lines, of] oriented in different respective directions, [coming] that come into contact with one another at the location of a writing stylus.

11. (Amended) A card according to [any one of the preceding claims, characterised in that it has means of total or partial inhibiting of] claim 1, further including means for inhibiting at least one function [or of one means inside this] performed within the card, this inhibiting being [ordered by] the result of the comparison between the dynamic characteristics of the signature to be authenticated and the characteristics recorded in permanent memory.

12. (Amended) A device intended for use with a card according to Claim 2, [characterised in that it has] comprising a transmitting antenna for powering the receiving antenna of the card, and a support.

13. (Amended) A circuit [intended] for an electronic card, [with permanent memory, characterised in that it has] comprising a permanent memory for storing dynamic characteristics of the signature of the holder, processing means having inputs for signals representing a signature and supplying dynamic characteristics of a signature to be

Attachment to Preliminary Amendment dated March 7, 2002

Marked-up Claims 1 - 13

authenticated, means [of] for comparing the dynamic characteristics of the signature to be authenticated with the characteristics recorded in permanent memory in order to produce a validation signal, a temporary memory [(20)] for at least one of the dynamic characteristics of the signature to be authenticated [or for] and the validation signal supplied by the comparison means, and means for [allowing the] powering [of] the processing means and/or the comparison means [outside] independently of a reader intended to read information from the card.